

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number
WO 03/086735 A1(51) International Patent Classification⁷: B29C 45/44,
B65D 1/22

(21) International Application Number: PCT/NL.03/00285

(22) International Filing Date: 15 April 2003 (15.04.2003)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data: 102039 15 April 2002 (15.04.2002) NL

(71) Applicant (for all designated States except US): FOUNTAIN PATENTS B.V. [NL/NL]; Rivium Quadrant 90, NL-2909 LC Capelle aan den IJssel (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): HOOGLAND, Hendricus, Antonius [NL/NL]; Ganimedesstraat 40, NL-1562 ZM Krommenie (NL).

(74) Agent: PRINS, A., W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EH (utility model), EE, ES, FI (utility model), FI, GB, GD, GH, GM, GR, HR, HU, ID, IL, IN, IS, JP, KR, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

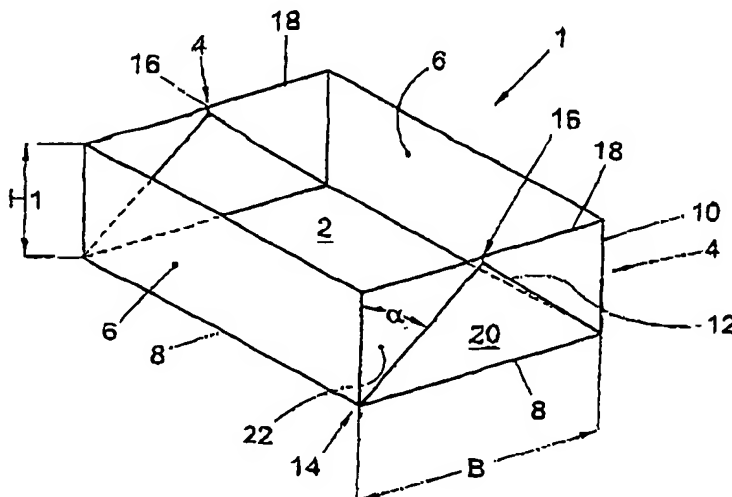
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COLLAPSIBLE CONTAINER FROM PLASTIC, AND METHOD AND MOLD FOR THE MANUFACTURE THEREOF



(57) Abstract: This invention relates to a collapsible container, manufactured through injection-molding from plastic with integrated hinges, the sidewalls being pivotally connected to each other and to the bottom, and the at least two sidewalls of the container being foldable. The invention also relates to a method for forming a collapsible container provided with a bottom and at least four sidewalls, pivotally connected thereto, which sidewalls are connected so as to be mutually pivotable, while a mold with at least one mold cavity is used having the shape of the folder-out container, into which mold cavity plastic is introduced with the aid of injection-molding technique, such that in the at least one mold cavity a collapsible container in folded-out condition is injection-molded, while in at least two sidewalls located opposite each other hinging elements are integrally formed, such that the respective sidewalls are foldable.